

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038115.D
 Acq On : 24 Nov 2021 1:05
 Operator : SY/AP
 Sample : M4805-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-CURATED-HOMEDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 12:06:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	823240	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2355266	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2087069	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1687684	11.21	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
11) Trichlorofluoromethane	3.95	101	22760	0.176	ppbv	93
13) Ethanol	3.62	45	128002m	20.803	ppbv	
15) Acetone	3.85	43	402542	5.640	ppbv	100
19) Isopropyl Alcohol	3.97	45	571895	11.089	ppbv #	97
25) Ethyl Acetate	5.68	43	35994m	0.152	ppbv	
52) Tetrachloroethene	11.21	164	393085	4.522	ppbv	97
53) Toluene	9.78	91	49740m	0.184	ppbv	
61) Styrene	13.51	104	196172	1.358	ppbv	92
62) Isopropylbenzene	14.65	105	58872m	0.154	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

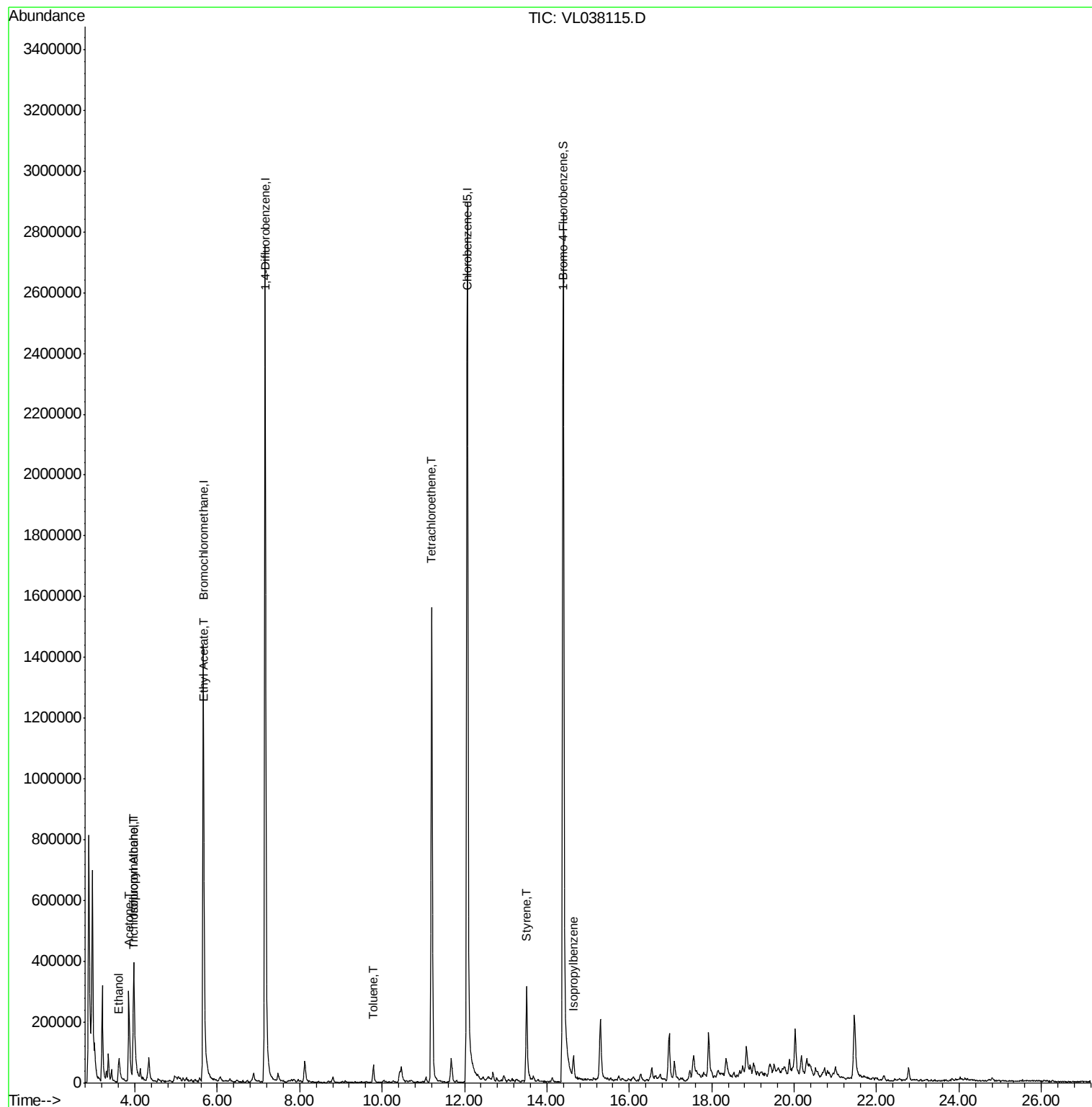
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
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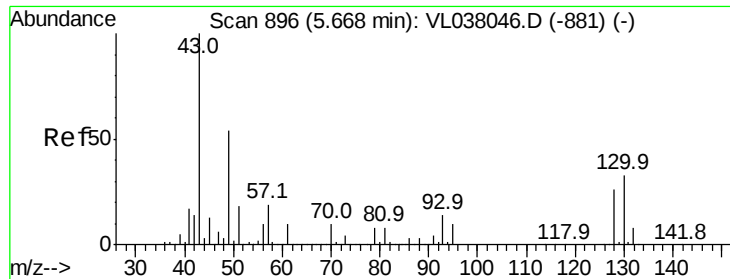
Instrument :
MSVOA_L
ClientSampleId :
SG-CURATED-HOMEDL

Quant Time: Nov 28 12:06:50 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 11/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 1:05 SG-CURATED-HOMEDL

Tot Ion:

Ion Ratio

49 100

128 50.

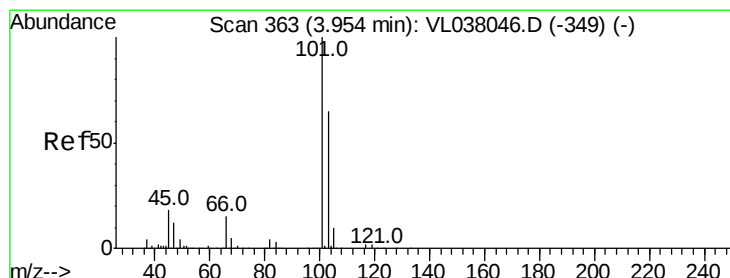
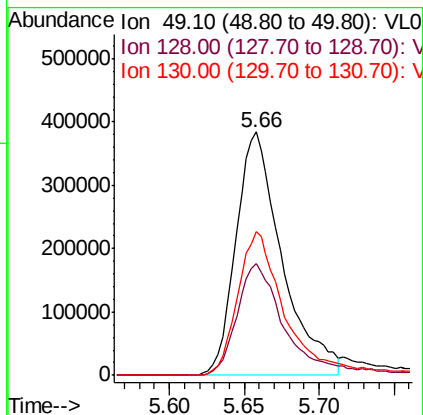
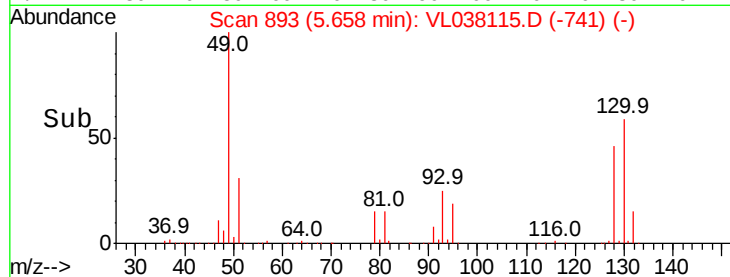
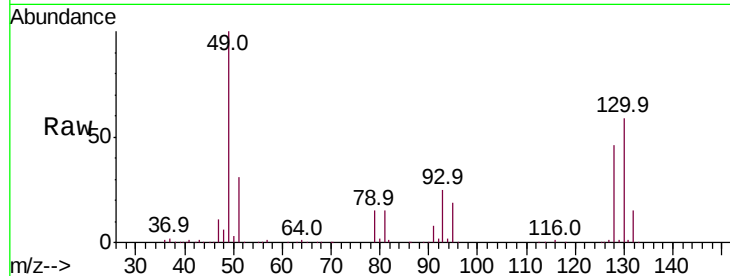
130 63.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#11

Trichlorofluoromethane

Concen: 0.176 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.01 min

Lab File: VL038115.D

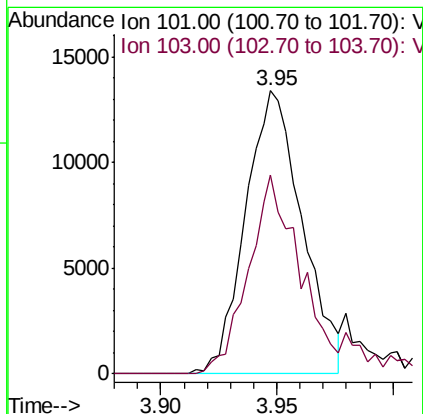
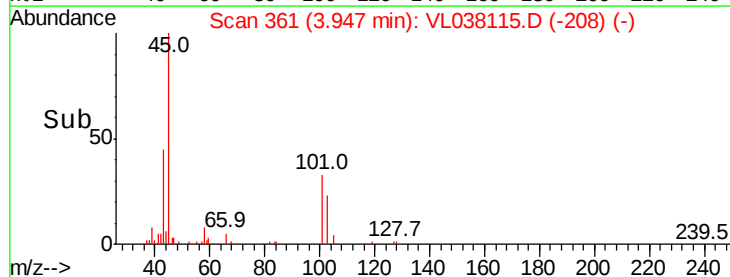
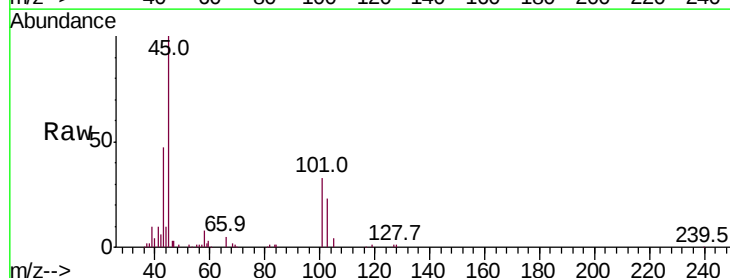
Acq: 24 Nov 2021 1:05

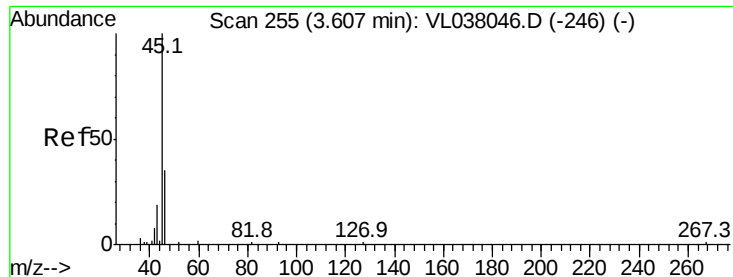
Tgt Ion:101 Resp: 22760

Ion Ratio Lower Upper

101 100

103 70.1 51.8 77.6





#13

Ethanol

Concen: 20.803 ppbv m

RT: 3.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Nov 2021 1:05 SG-CURATED-HOMEDL

Tot Ion:

Ion Ratio

45 100

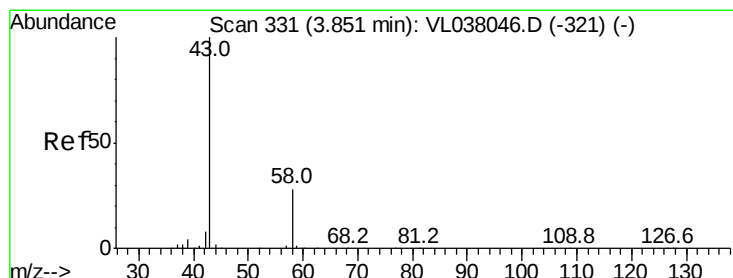
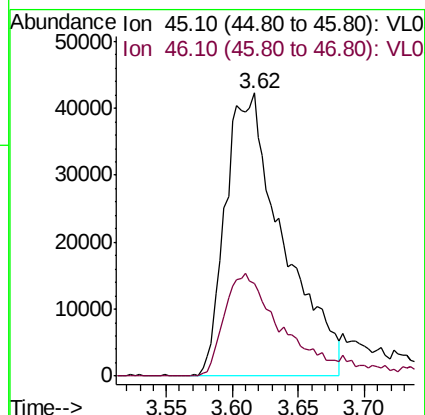
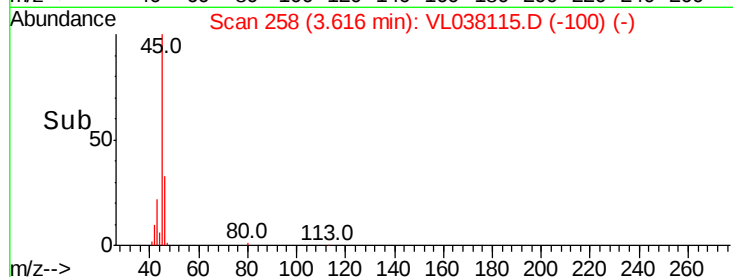
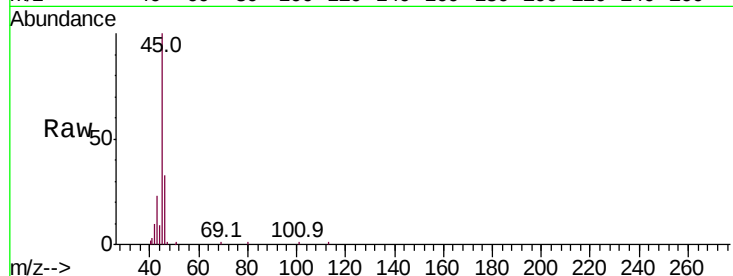
46 0.

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Supervised By :Mahesh Dadoda 11/29/2021



#15

Acetone

Concen: 5.640 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL038115.D

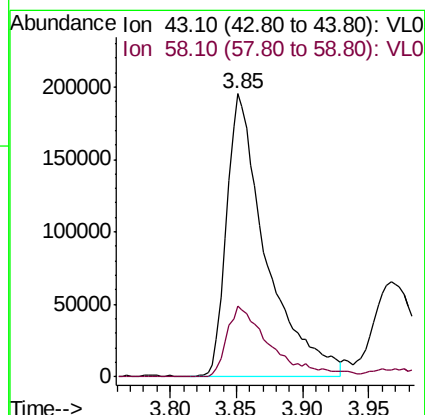
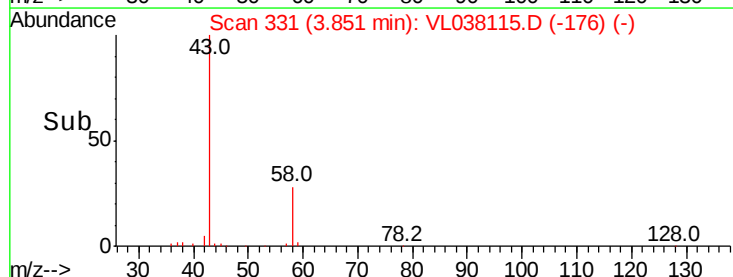
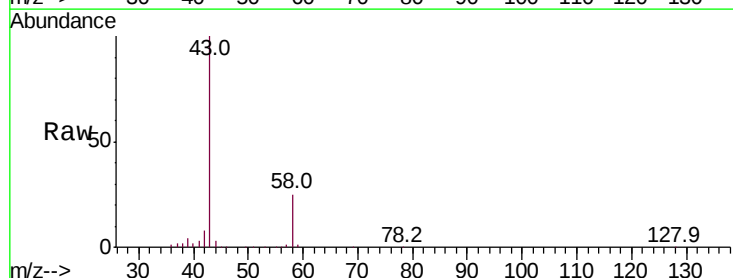
Acq: 24 Nov 2021 1:05

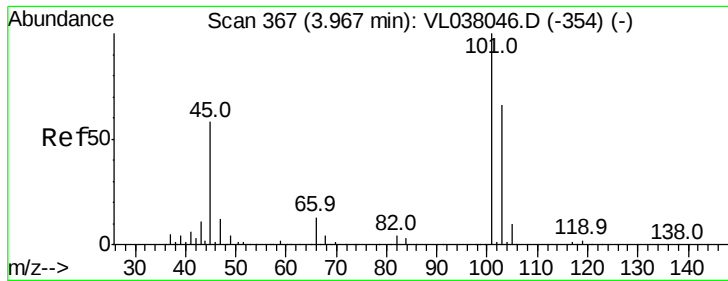
Tgt Ion: 43 Resp: 402542

Ion Ratio Lower Upper

43 100

58 28.0 22.4 33.6



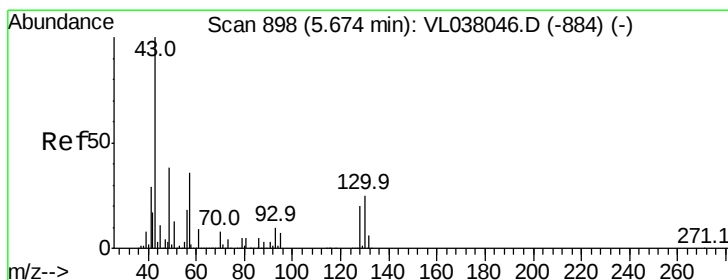
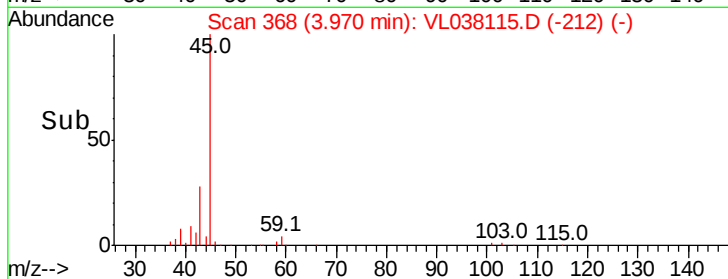
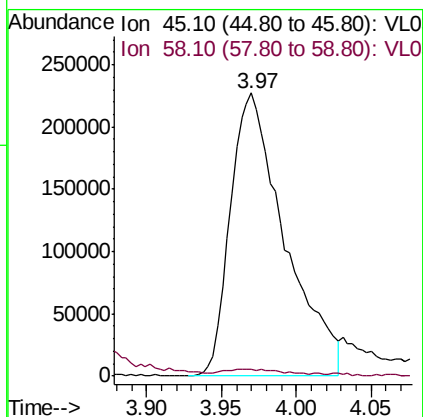
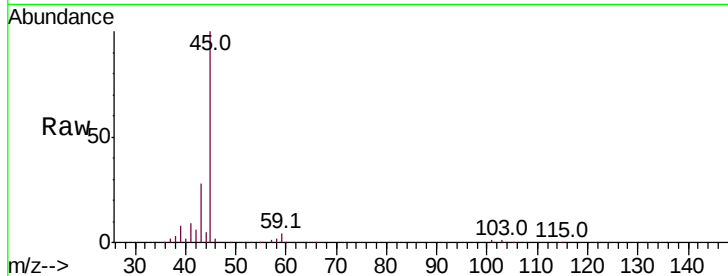


#19
Isopropyl Alcohol
Concen: 11.089 ppbv
RT: 3.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SG-CURATED-HOMEDL
Acq: 24 Nov 2021 1:05

Tot Ion:
Ion Ratio
45 100
58 2.

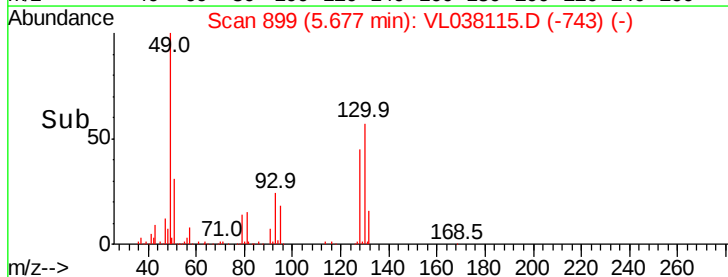
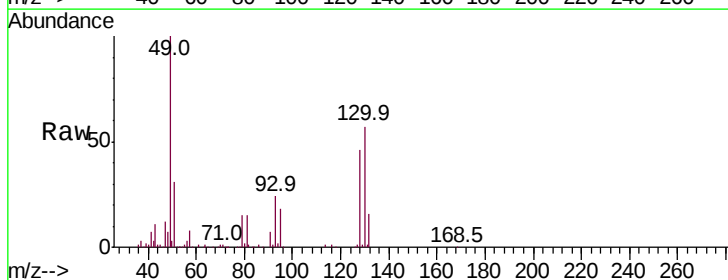
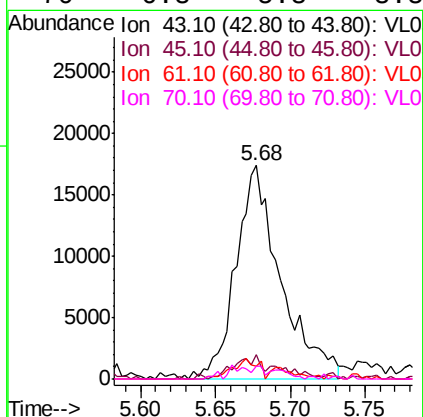
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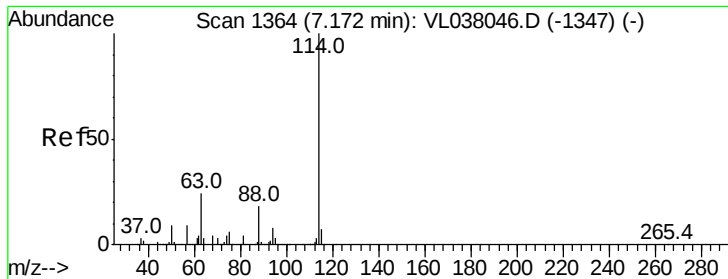
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#25
Ethyl Acetate
Concen: 0.152 ppbv m
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL038115.D
Acq: 24 Nov 2021 1:05

Tgt Ion: 43 Resp: 35994
Ion Ratio Lower Upper
43 100
45 10.5 7.9 11.9
61 8.8 7.8 11.6
70 6.8 5.8 8.8



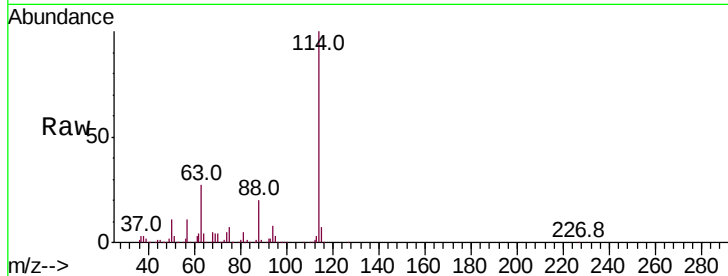


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Client Sample Id:
 Lab File: SG-CURATED-HOMEDL
 Acq: 24 Nov 2021 1:05

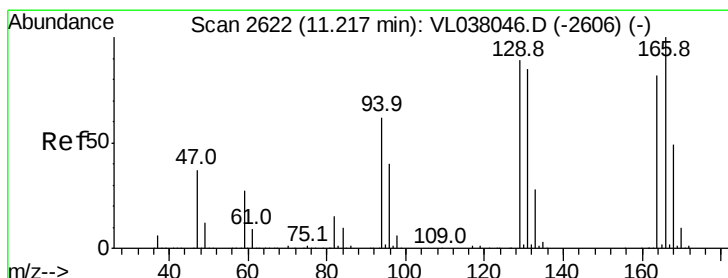
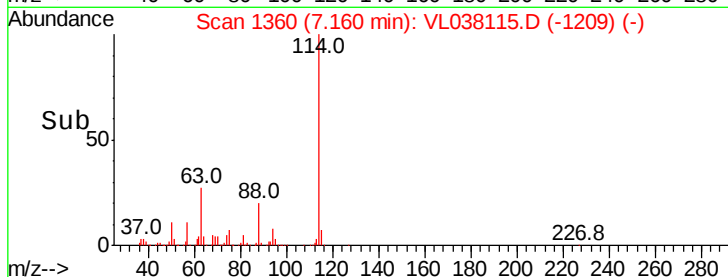
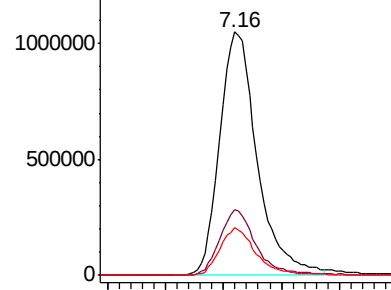
Tot Ion:1
 Ion Rati
 114 100
 63 26.
 88 19.

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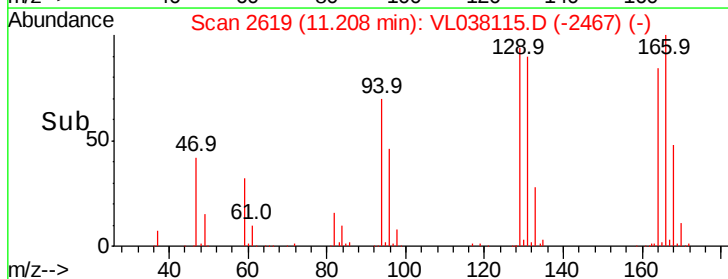
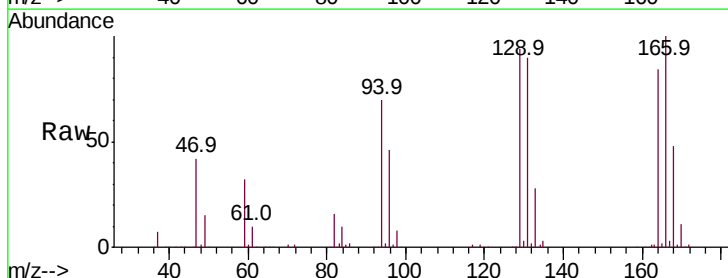
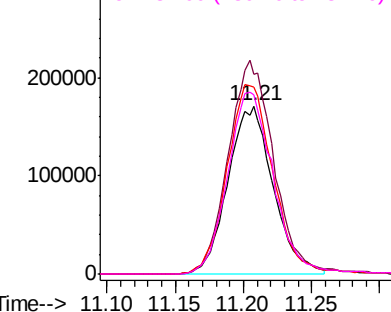
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

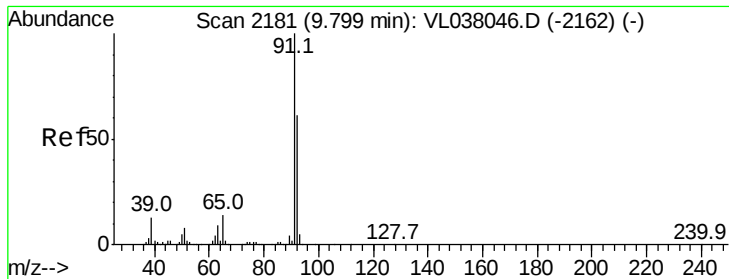


#52
 Tetrachloroethene
 Concen: 4.522 ppbv
 RT: 11.21 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: VL038115.D
 Acq: 24 Nov 2021 1:05

Tgt Ion:164 Resp: 393085
 Ion Ratio Lower Upper
 164 100
 166 118.8 97.2 145.8
 129 111.4 86.9 130.3
 131 106.6 82.8 124.2

Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 165.90 (165.60 to 166.60): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.184 ppbv m

RT: 9.78 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 1:05 SG-CURATED-HOMEDL

Tot Ion:

Ion Ratio

91 100

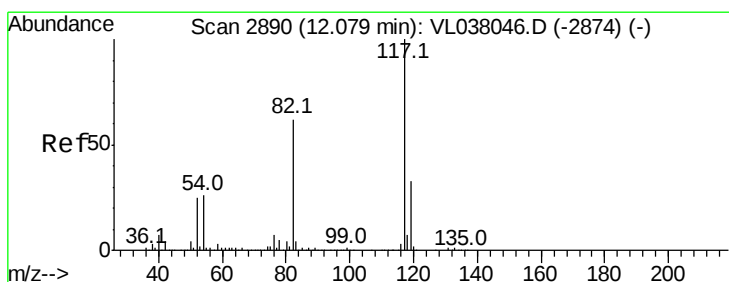
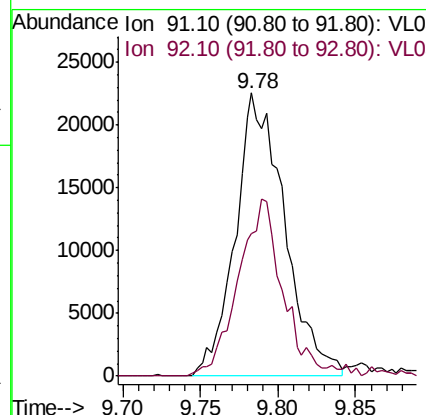
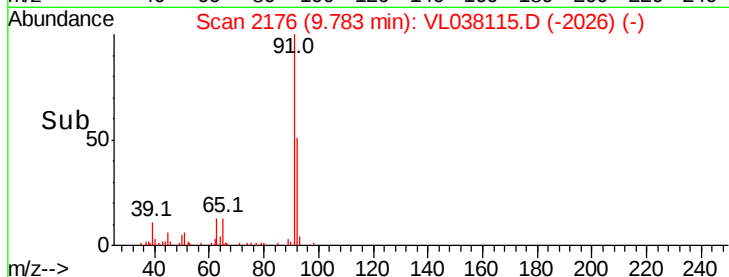
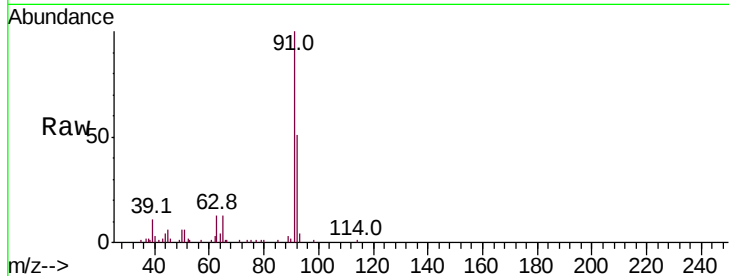
92 0.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.01 min

Lab File: VL038115.D

Acq: 24 Nov 2021 1:05

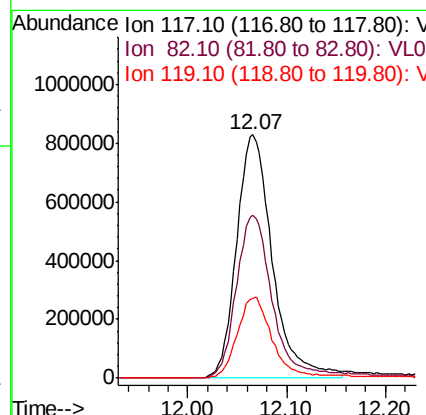
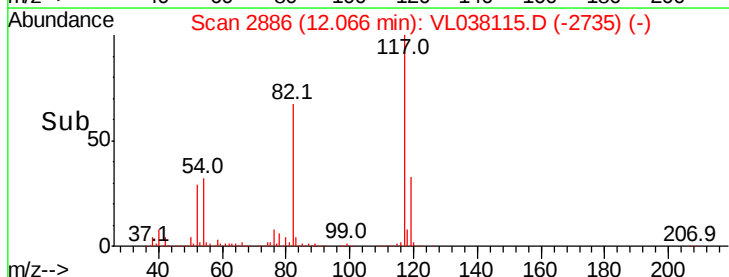
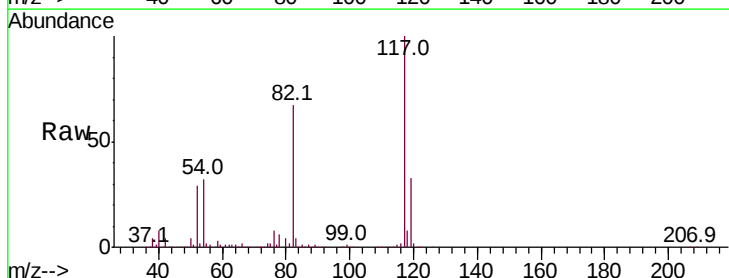
Tgt Ion:117 Resp: 2087069

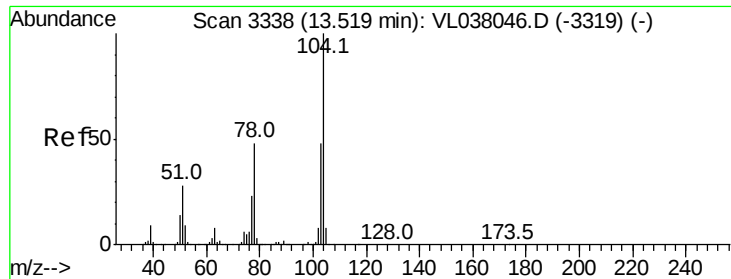
Ion Ratio Lower Upper

117 100

82 70.5 52.8 79.2

119 33.5 26.8 40.2





#61

Stvrene

Concen: 1.358 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File:

ClientSampleId: SG-CURATED-HOMEDL

Acq: 24 Nov 2021 1:05

Tot Ion:1

Ion Rati

104 100

78 58.

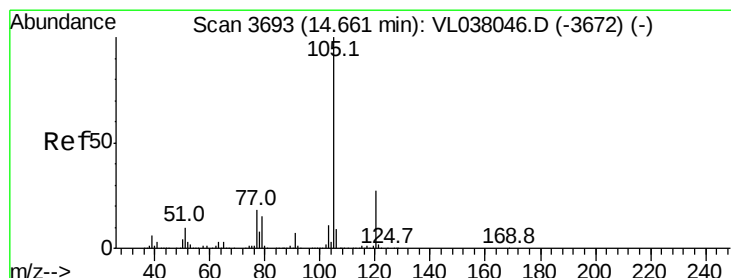
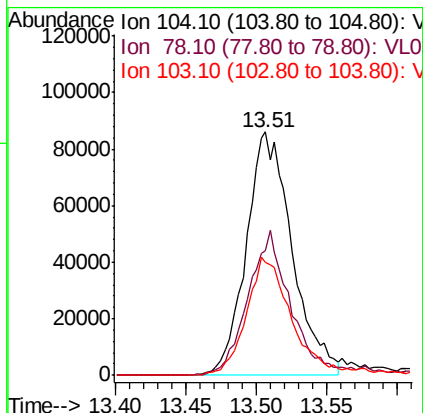
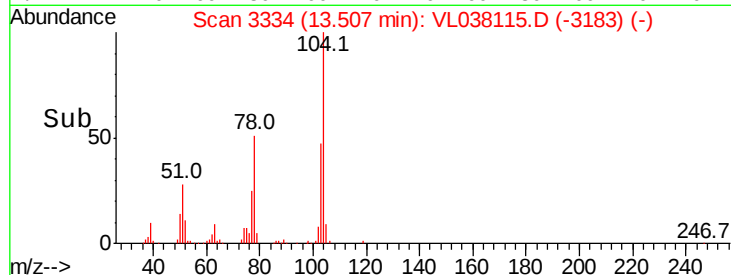
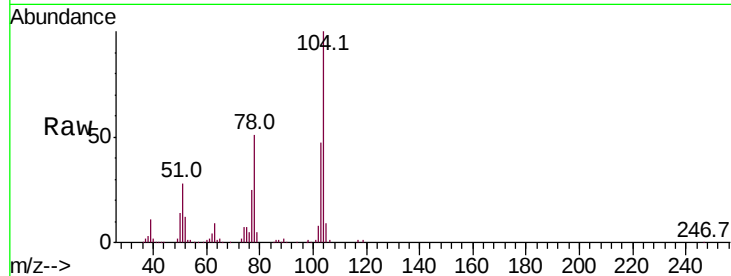
103 50.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#62

Isopropylbenzene

Concen: 0.154 ppbv m

RT: 14.65 min Scan# 3689

Delta R.T. -0.01 min

Lab File: VL038115.D

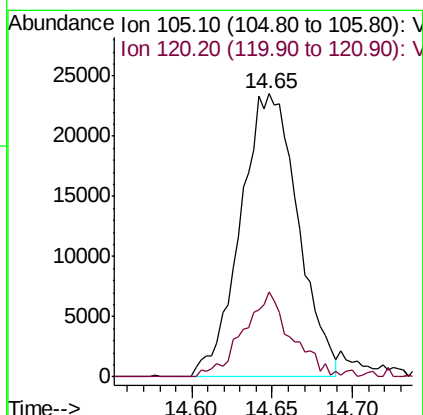
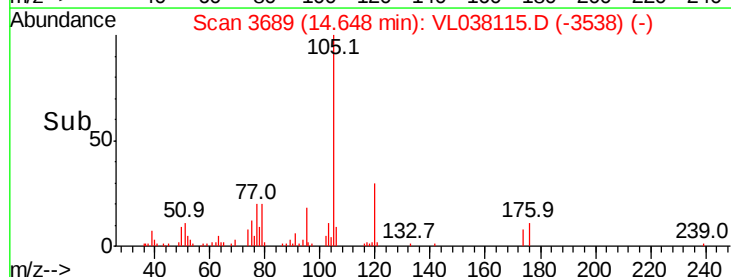
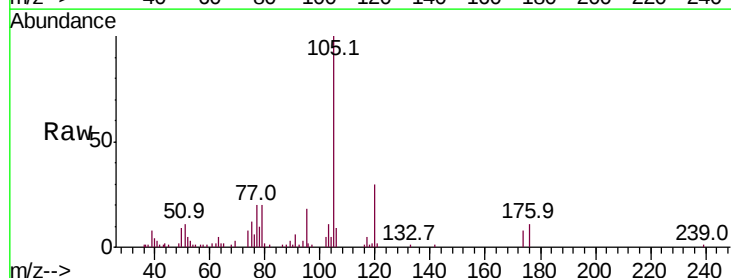
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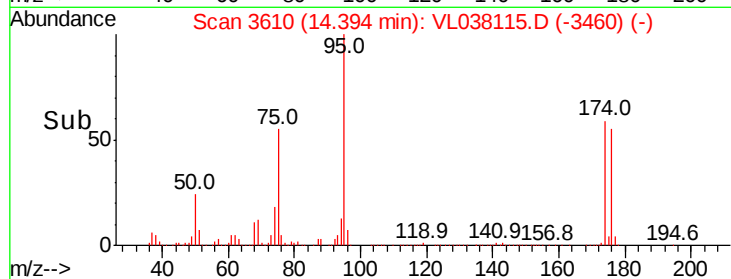
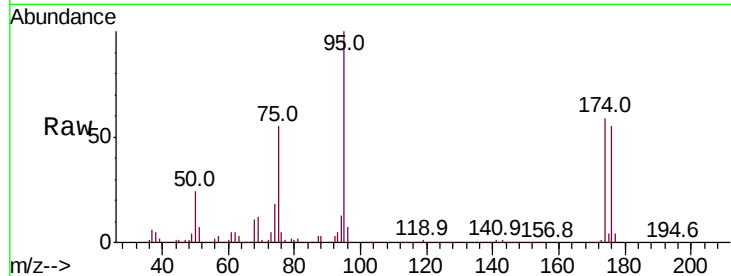
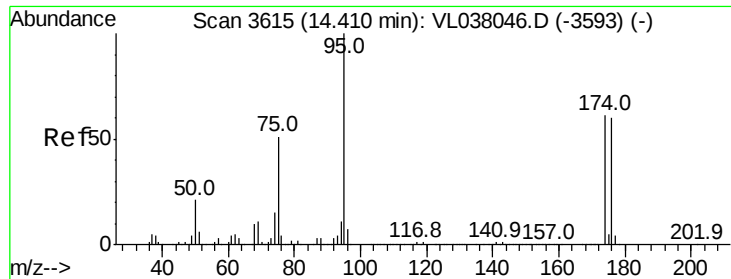
Tgt Ion:105 Resp: 58872

Ion Ratio Lower Upper

105 100

120 25.9 21.8 32.6





#68

1-Bromo-4-Fluorobenzene

Concen: 11.211 ppbv

RT: 14.39 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Nov 2021 1:03 SG-CURATED-HOMEDL

Tot Ion:

Ion Ratio

95 100

174 60.

175 4.

Manual Integrations

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